Abstract

The invention concerns a method of determining the power parts of the codes of a CDMA signal transmitted in different time slots (slot 0, slot 1, ...), which includes a pilot channel (CPICH) and at least one dedicated physical channel. The pilot channel (CPICH) and the dedicated physical channels are assigned different orthogonal codes, and the time slots of the dedicated physical channels can be shifted in time in relation to the time slots (slot 0, slot 1, ...) of the pilot channel (CPICH).
The method includes the following steps:

- Select an orthogonal code whose power part is to be determined,

- Determine whether the orthogonal code selected is active, i.e., whether the code is assigned to a dedicated physical channel,

- If the orthogonal code selected is active: determine the power part at the moment and display the momentary power part as a function of the time in the raster of time slots (slot 0, slot 1, ...) of the pilot channel (CPICH), and

- If the orthogonal code selected is not active: determine the mean power part using the length of the time slot (slot 0, slot 1, ...) of the pilot channel (CPICH) and display the mean power part as a function of the time in the raster of time slots (slot 0, slot 1, ...) of the pilot channel (CPICH).

(Fig. 5 and Fig. 6)

Figure 2. State of the Art

Figure 3. State of the Art